

ABSTRACT OF THE DISCLOSURE

There is provided a green oxide phosphor for emitting a visible ray, having a general composition formula of $Mg_{1-(x+y)}Al_2O_4:Eu_x^{2+}, M_y^{2+}$. In the green oxide phosphor, Eu^{+2} is doped into a crystal of $Mg_{1-(x+y)}Al_2O_4$ as an activator; and Mn^{+2} is added as a co-dopant.